

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.
2532.1003-005APPLICATION NO.
09/783,232INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

May 31, 2001

(Use several sheets if necessary)

APPLICANT
Oleg P. Kishkovich et al.FILING DATE
January 14, 2001GROUP
1743

U.S. PATENT DOCUMENTS

| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|-------------------------------|----|-----------------|----------|-------------------|-------|---------------|----------------------------------|
| B | AA | 3,727,029 | 04/10/73 | Chrow | 219 | 301 | JUN - 5 2001 |
| | AB | 3,807,233 | 04/30/74 | Crawford | 73 | 421 | TC 1700 |
| | AC | 5,582,865 | 12/10/96 | Rezuke et al. | 427 | 244 | |
| | AD | 5,434,644 | 07/18/95 | Kitano et al. | 355 | 30 | |
| | AE | 5,427,610 | 06/27/95 | Crocker | 95 | 114 | |
| | AF | 5,418,170 | 05/23/95 | Rounbehler et al. | 436 | 111 | |
| | AG | 5,356,594 | 10/18/94 | Neel et al. | 422 | 54 | |
| | AH | 5,325,705 | 07/05/94 | Tom | 73 | 31.03 | |
| | AI | 5,322,797 | 06/21/94 | Mallow et al. | 436 | 106 | |
| | AJ | 5,288,306 | 02/22/94 | Aibe et al. | 95 | 141 | |
| | AK | 5,208,162 | 05/04/93 | Osborne et al. | 436 | 6 | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|---|----|-----------------|----------|---------------------------|-------|---------------|-----------------------|
| B | AL | JP 4-315048 | 03/23/93 | Japan (English Abstract) | | | X |
| | AM | JP 4-50756 | 02/19/92 | Japan (English Abstract) | | | X |
| | AN | JP 5-302895 | 11/16/93 | Japan (English Abstract) | | | X |
| | AO | JP 5-45289 | 02/23/93 | Japan (English Abstract) | | | X |
| | AP | JP 63-24149 | 05/26/86 | Japan (English Abstract) | | | X |
| | AQ | DD-214213 | 10/03/84 | Germany(English Abstract) | | | X |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
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| B | AR | Viewgraph, "Compact Chemiluminescent NO/NO _x Stack Gas Analyzer," Instrumatic International, Received by One of the Inventors on November 21, 1997. |
| | AS | Thermo Environmental Instruments Inc., Model 17 Chemiluminescence NH ₃ Analyzer Instruction Manual (1994). |
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|-------------------------------|-----|-----------------|----------|------------------|-------|---------------|----------------------------------|
| BA | AA2 | 5,185,268 | 02/09/93 | Bonometti et al. | 436 | 114 | |
| | AB2 | 5,061,296 | 10/29/91 | Sengpiel et al. | 55 | 4 | |
| | AC2 | 5,057,436 | 10/15/91 | Ball | 436 | 113 | |
| | AD2 | 5,053,064 | 10/01/91 | Hama et al. | 55 | 270 | |
| | AE2 | 5,014,009 | 05/07/91 | Arimoto et al. | 324 | 468 | |
| | AF2 | 5,009,678 | 04/23/91 | Bikson et al. | 55 | 16 | |
| | AG2 | 4,946,480 | 08/07/90 | Hanville | 55 | 270 | |
| | AH2 | 4,921,651 | 05/01/90 | Polak et al. | 264 | 41 | |
| | AI2 | 4,890,136 | 12/26/89 | Greene et al. | 355 | 27 | |
| | AJ2 | 4,873,970 | 10/17/89 | Freidank et al. | 128 | 202.22 | |
| | AK2 | 4,847,594 | 07/11/89 | Stetter | 340 | 540 | |
| | AA3 | 4,737,173 | 04/12/88 | Kudirka et al. | 55 | 276 | |
| | AB3 | 4,726,824 | 02/23/88 | Staten | 55 | 274 | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|----|-----|-----------------|----------|--------------------------|-------|---------------|-----------------------|
| BA | AL2 | JP 6-118077 | 04/28/94 | Japan (Eng Abstract) | | | X |
| | AM2 | CA 120 1646 | 03/11/86 | Canada | | | X |
| | AN2 | 5-8085155 | 05/21/83 | Japan (English Abstract) | | | |

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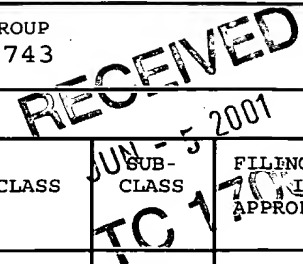
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| <div style="text-align: center;"> INFORMATION DISCLOSURE CITATION IN AN APPLICATION May 31, 2001 (Use several sheets if necessary) </div> | | APPLICANT Oleg P. Kishkovich et al. | | | | | |
| | | FILING DATE January 14, 2001 | | GROUP 1743 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
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| B2 | AC3 | 4,714,482 | 12/22/87 | Polak et al. | 55 | 158 | |
| | AD3 | 4,701,306 | 10/20/87 | Lawrence et al. | 422 | 101 | |
| | AE3 | 4,530,272 | 07/23/85 | Stokes | 96 | 34.5 | |
| | AF3 | 4,473,282 | 09/25/84 | Michlin | 354 | 300 | |
| | AG3 | 4,381,408 | 04/26/83 | Roubehler et al. | 564 | 112 | |
| | AH3 | 4,333,752 | 06/08/82 | Thies et al. | 55 | 387 | |
| | AI3 | 4,333,735 | 06/08/82 | Hardy et al. | 23 | 232R | |
| | AJ3 | 4,154,586 | 05/15/79 | Jones et al. | 55 | 274BN | |
| | AK3 | 4,070,155 | 01/24/78 | Fraim | 23 | 230PC | |
| | AA4 | 4,059,409 | 11/22/77 | Barto et al. | 23 | 284 | |
| | AB4 | 3,996,008 | 12/07/76 | Fine et al. | 23 | 254R | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
| B2 | AO2 | 92/10749 | 25/06/92 | PCT | | | |
| | AP2 | 98/38508 | 09/03/98 | PCT | | | |
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| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|-------------------------------|-----|-----------------|----------|-------------------|-------|---------------|----------------------------------|
| B5 | AC4 | 3,919,397 | 11/11/75 | Gould | 423 | 405 | |
| | AD4 | 3,911,413 | 10/07/75 | Wallace | 340 | 237R | |
| | AE4 | 3,904,371 | 09/09/75 | Neti et al. | 23 | 232R | |
| | AF4 | 3,787,184 | 01/22/74 | Novak et al. | 23 | 230R | |
| | AG4 | 3,647,387 | 03/07/72 | Benson et al. | 23 | 232R | |
| | AH4 | 3,967,933 | 07/06/76 | Etess et al. | 23 | 232 | |
| | AI4 | 4,049,383 | 09/20/77 | Burton et al. | 23 | 232 | |
| | AJ4 | 4,301,114 | 11/17/81 | Rounbehler et al. | 422 | 52 | |
| | AK4 | 4,775,633 | 10/04/88 | Rounbehler et al. | 436 | 106 | |
| | AA5 | 5,567,623 | 10/22/96 | Rounbehler et al. | 436 | 158 | |
| | AB5 | 5,246,668 | 09/21/93 | MacCallum et al. | 436 | 116 | |
| | AC5 | 4,432,939 | 02/21/84 | Watanabe et al. | 436 | 113 | |
| | AD5 | 5,856,198 | 01/05/99 | Joffe et al. | 436 | 100 | |

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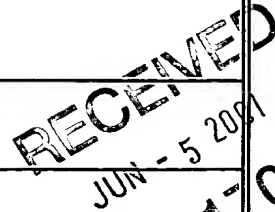
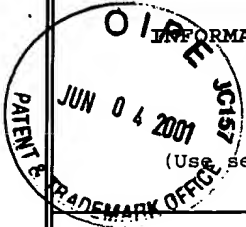
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|-------------------------------|-----|-----------------|------------|-------------------|-------|---------------|----------------------------------|
| BA | AE5 | 5,730,942 | 03/24/98 | Megerle et al. | 422 | 82.01 | |
| | AF5 | 5,622,682 | 04/22/97 | Tom | 423 | 230 | |
| | AG5 | 5,620,501 | 04/15/97 | Tamhankar et al. | 95 | 92 | |
| | AH5 | 5,583,282 | 12/10/96 | Tom | 73 | 31.03 | |
| | AI5 | 35,234 | 05/14/1862 | Harris et al. | 55 | 233 | |
| | AJ5 | 5,149,500 | 09/22/92 | Brahmbhatt et al. | 422 | 31 | |
| | AK5 | 5,027,642 | 07/02/91 | Wen et al. | 73 | 23.2 | |
| | AA6 | 4,960,568 | 10/02/90 | Matsumoto et al. | 422 | 83 | |
| | AB6 | 4,696,680 | 09/29/87 | Ghate et al. | 55 | 25 | |
| | AC6 | 4,526,755 | 07/02/85 | Vincent et al. | 422 | 90 | |
| | AD6 | 4,460,517 | 07/17/84 | Calaceto | 261 | 23R | |

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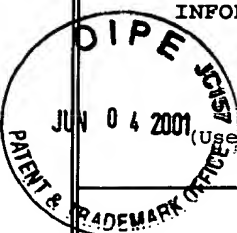
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|-------------------------------|-----|-----------------|----------|----------------|-------|---------------|----------------------------------|
| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
| | AE6 | 4,452,766 | 06/05/84 | Pike | 423 | 242. | |
| | AF6 | 4,374,786 | 02/22/83 | McClain | 261 | 113 | |
| | AG6 | 4,312,764 | 01/26/82 | Parshall | 210 | 790 | |
| | AH6 | 4,033,117 | 07/05/77 | Smith | 60 | 39.46S | |
| | AI6 | 3,984,313 | 10/05/76 | Higgins | 210 | 26 | |
| | AJ6 | 3,969,479 | 07/13/76 | Lonnes et al. | 423 | 210 | |
| | AK6 | 3,964,889 | 06/22/76 | Lachnit | 55 | 429 | |
| | AA7 | 3,851,493 | 12/03/74 | Gifford et al. | 62 | 13 | |
| | AB7 | 5,841,022 | 11/24/98 | Hase | 73 | 23.22 | |
| | AC7 | 5,835,974 | 11/10/98 | Nagy | 73 | 1.06 | |
| | AD7 | 5,739,038 | 04/14/98 | Burrows | 436 | 113 | |

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| 122 | AE7 5,563,330 | 10/08/96 | Kimmig | 73 | 23.21 | |
| | AF7 5,457,316 | 10/10/95 | Cohen et al. | 250 | 286 | |
| | AG7 4,335,073 | 06/15/82 | Sherwood et al. | 422 | 83 | |
| | AH7 4,333,735 | 06/08/82 | Hardy et al. | 23 | 232R | |
| | AI7 5,283,199 | 02/01/94 | Bacon, Jr., et al. | 436 | 173 | |
| | AJ7 3,620,931 | 11/16/71 | Reichner, et al. | 204 | 1T | |
| | AK7 6,207,460 | 08/01/00 | Kishkovich et al. | 422 | 52 | |
| | AA8 6,096,267 | 08/01/00 | Kishkovich, et al. | 422 | 52 | |
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